

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions of claims in the application.

1. (Currently Amended) A coolant for a machine in a state of solution which does not contain a mineral oil and contains a water-soluble substance including amine and inorganic salt, wherein a sodium nitrite is added as additive by an amount of not less than 0.345 weight % for preventing crevice corrosion ~~from causing,~~

wherein the water-soluble substance comprises:

a surface active agent comprising

amine salt,

boric acid amine salt,

organic amine, and

organic amanoide type rust preventative,

which also acts as a rust preventive;

non-ferrous metal anticorrosive comprising a triasol type compound;

antiseptic agent comprising a xylenol type compound; and

water.

2. (Canceled)

3. (Previously Presented) A coolant for a machine in a state of solution comprising 0.1M Na_2CO_3 , 0.01M NaCl, 2 weight % of coolant solution which does not contain a mineral oil and contains a water-soluble substance including amine and inorganic salt, and a sodium nitrite added as additive by an amount of not less than 0.345 weight %.

4. (Previously Presented) A coolant for a machine in a state of solution comprising 0.1M Na_2CO_3 , 0.01M NaCl, 2 weight % of surface active agent, and a sodium nitrite added as additive by an amount of not less than 0.069 weight %.

5. (Currently Amended) A machining device,
wherein a structural member of the machining device is formed of material including a carbon steel and is coated by a film for suppressing generation of crevice corrosion,
wherein the film is formed by reaction of a sodium nitrite in a coolant to the carbon steel,
and

wherein the coolant contains a water-soluble substance including amine and inorganic salt and contains a sodium nitrite as additive by an amount of not less than 0.345 weight %;

wherein the water-soluble substance comprises:

a surface active agent comprising

amine salt,

boric acid amine salt,

organic amine, and

organic amanoide type rust preventative,

which also acts as a rust preventive;

non-ferrous metal anticorrosive comprising a triasol type compound;

antiseptic agent comprising a xylenol type compound; and

water.

6. (Previously Presented) The machining device according to claim 5, wherein the carbon steel includes carbon of 0.07 to 0.61 weight %.

7. (Canceled)